

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018353.D
 Acq On : 23 May 2024 10:47
 Operator : SY/MD
 Sample : VY0523SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBL01

Quant Time: May 24 01:12:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

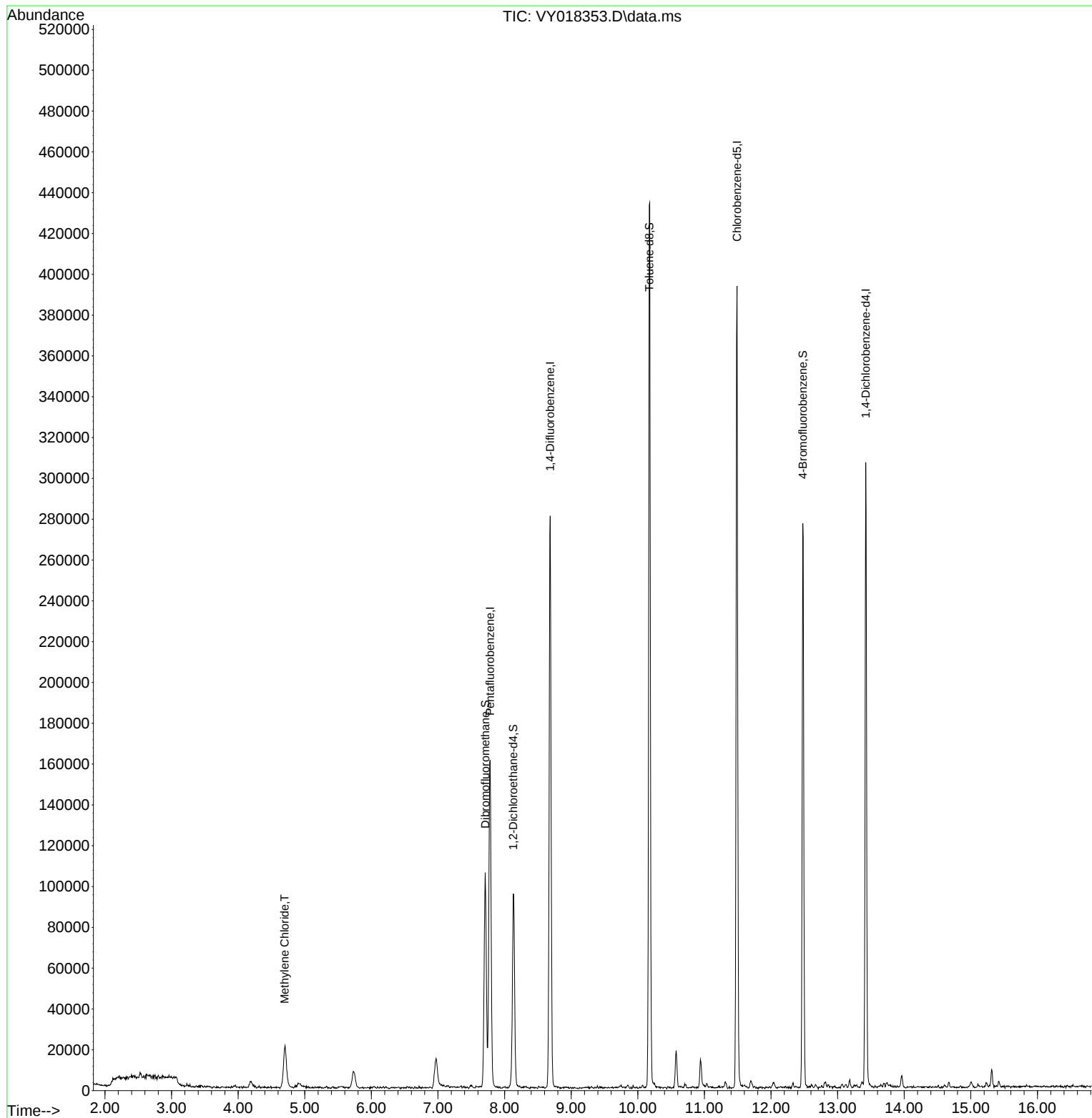
Internal Standards						
1) Pentafluorobenzene	7.783	168	122034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68182	58.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.940%
35) Dibromofluoromethane	7.710	113	74491	52.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.900%
50) Toluene-d8	10.173	98	284375	51.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.477	95	84019	49.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.220%
Target Compounds						
20) Methylene Chloride	4.698	84	15202	6.933	ug/l	# 87

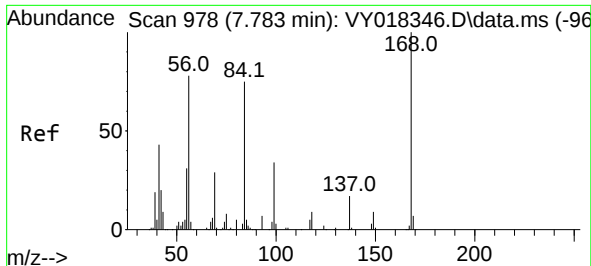
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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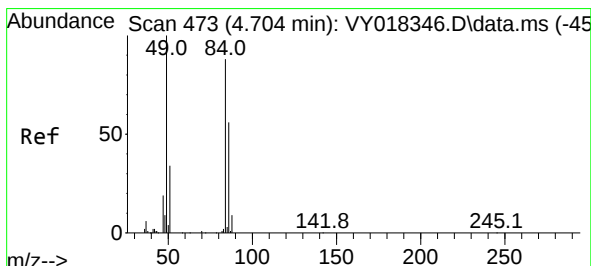
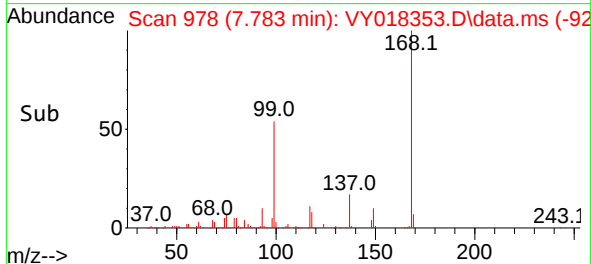
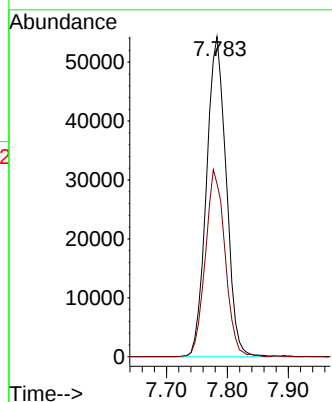
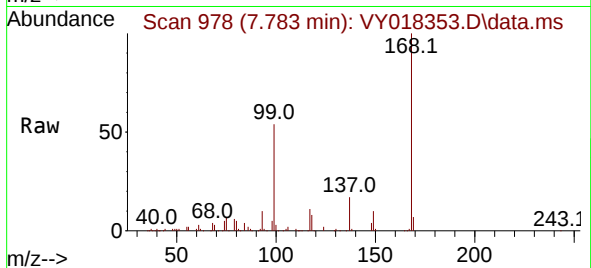




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

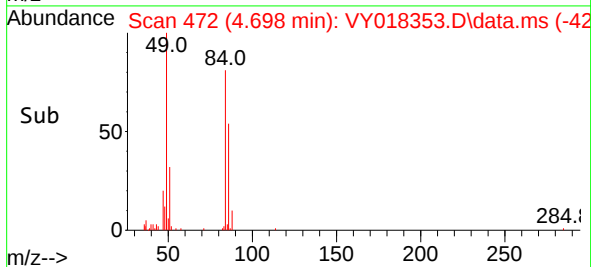
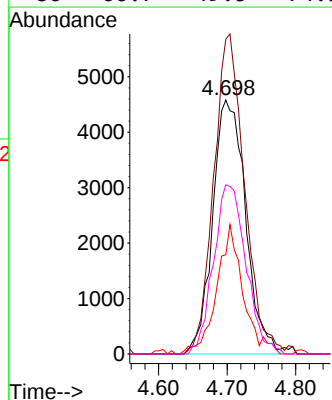
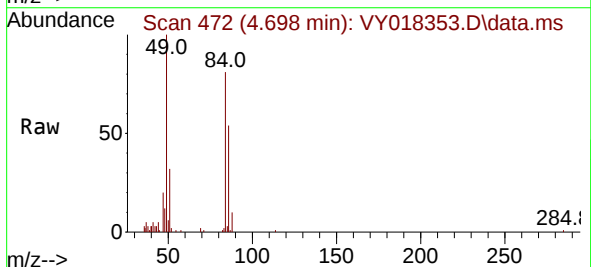
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

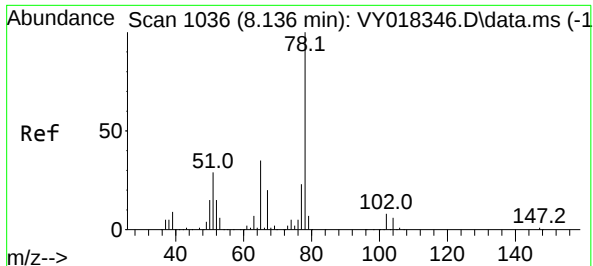
Tgt Ion:168 Resp: 122034
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#20
Methylene Chloride
Concen: 6.933 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion: 84 Resp: 15202
Ion Ratio Lower Upper
84 100
49 124.0 84.4 126.6
51 39.1 26.0 39.0#
86 66.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.972 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018353.D

Acq: 23 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

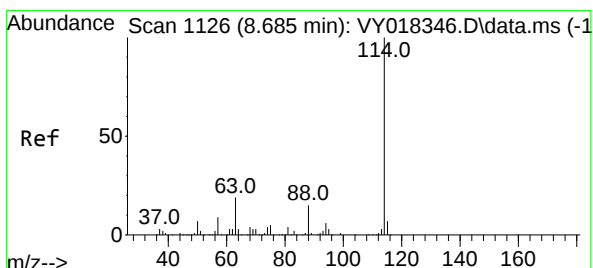
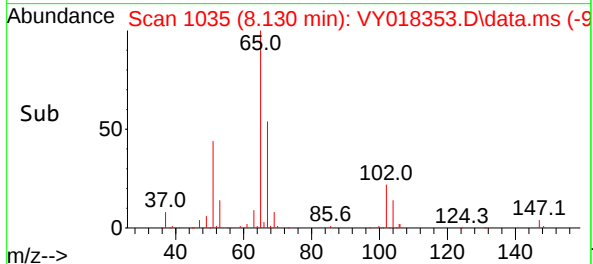
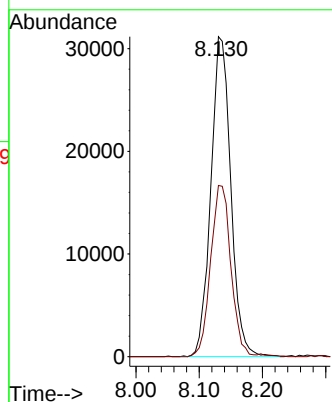
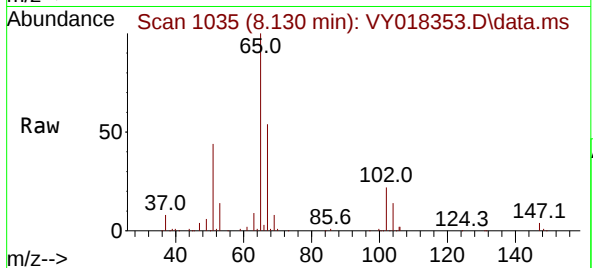
VY0523SBL01

Tgt Ion: 65 Resp: 68182

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018353.D

Acq: 23 May 2024 10:47

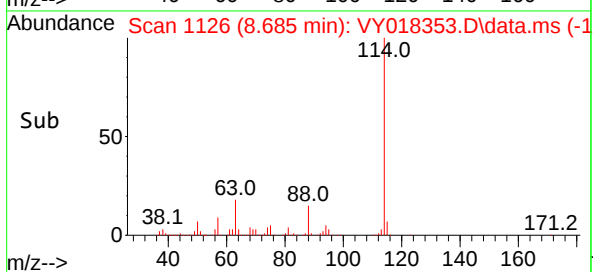
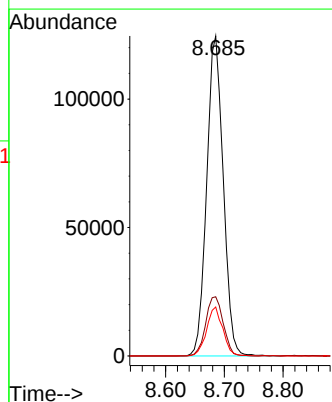
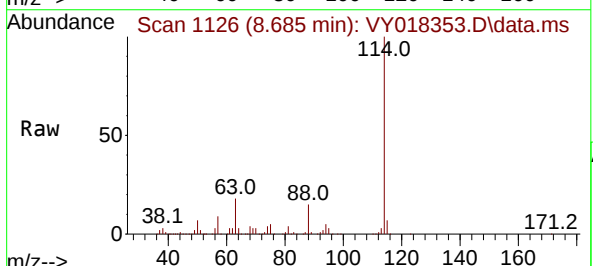
Tgt Ion:114 Resp: 243544

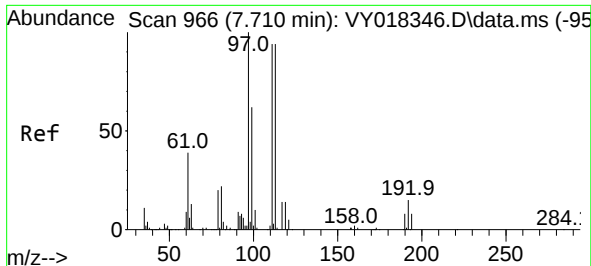
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 15.3 0.0 27.2

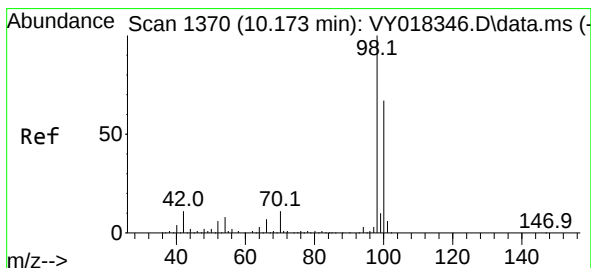
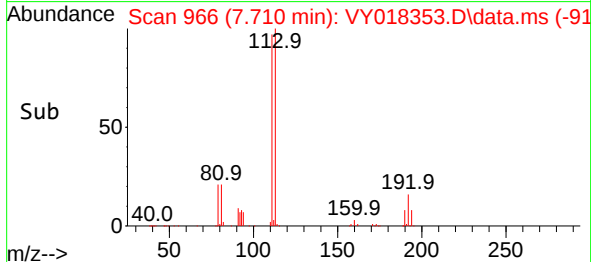
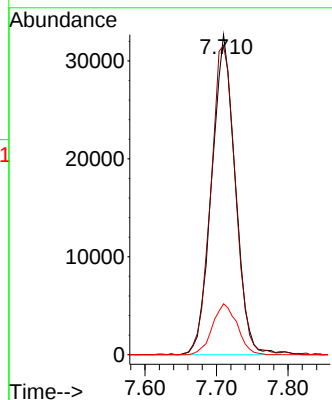
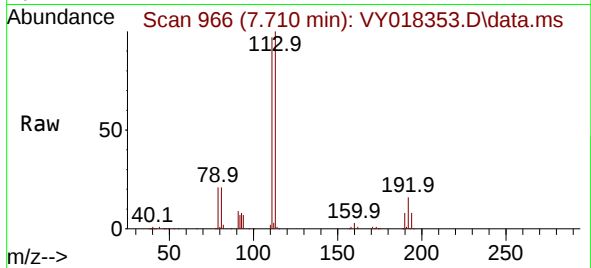




#35
Dibromofluoromethane
Concen: 52.450 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

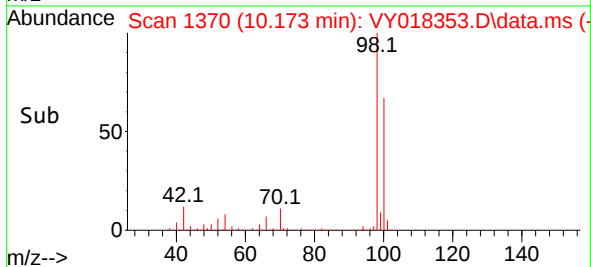
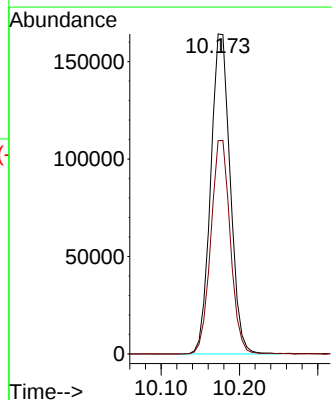
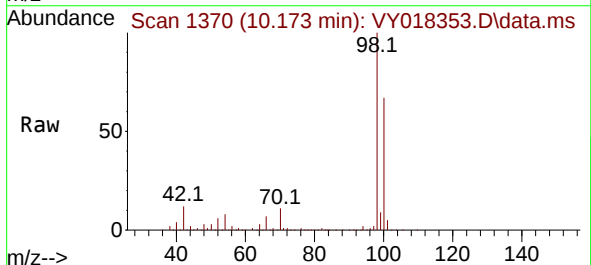
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

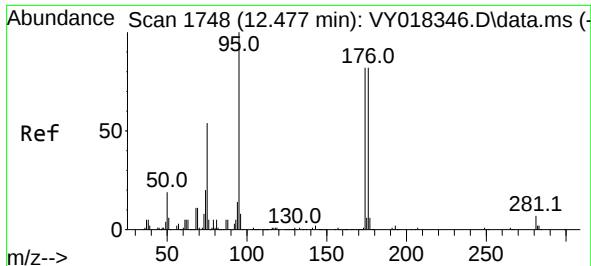
Tgt Ion:113 Resp: 74491
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 16.8 15.9 23.9



#50
Toluene-d8
Concen: 51.357 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

Tgt Ion: 98 Resp: 284375
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

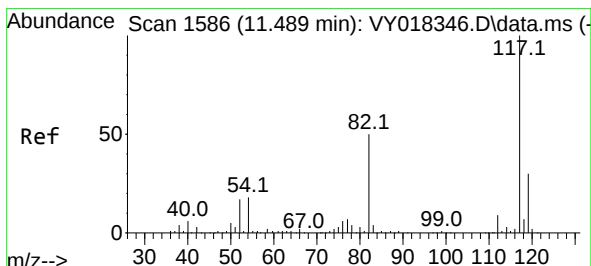
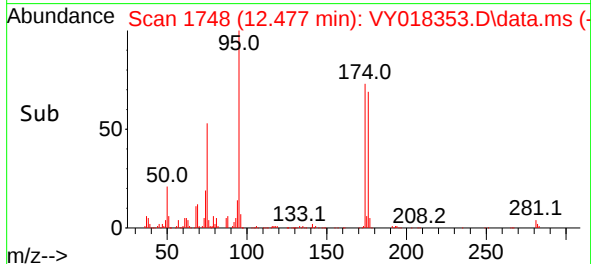
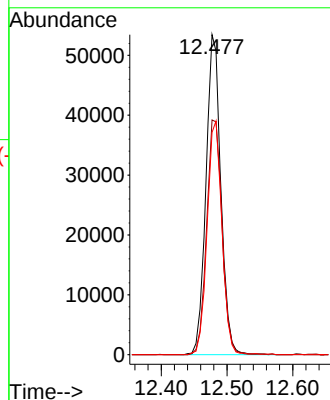
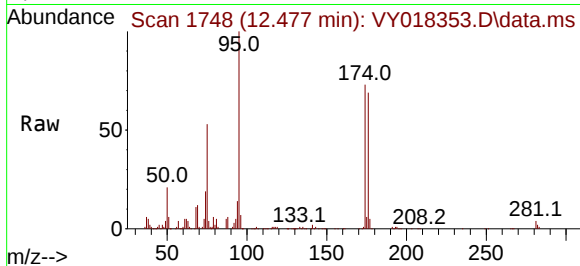




#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

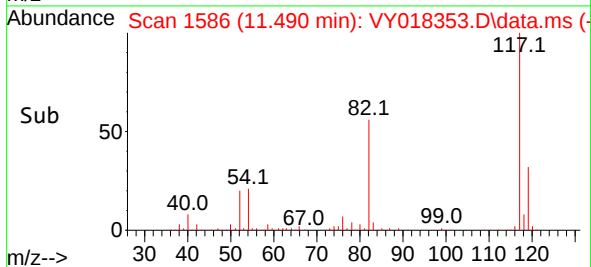
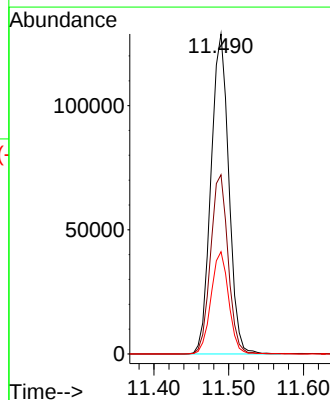
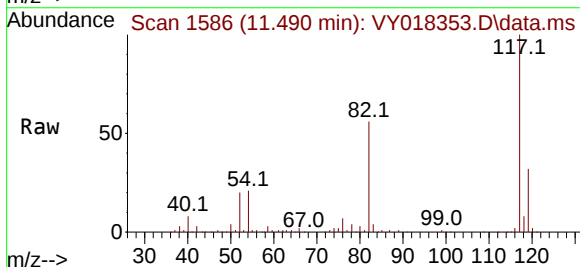
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL01

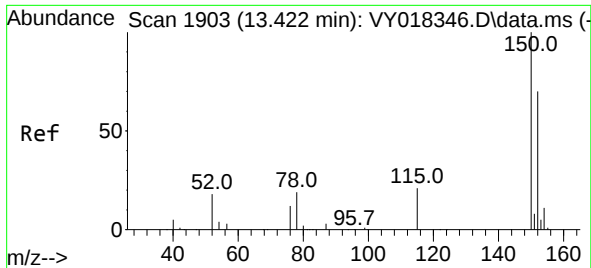
Tgt Ion: 95 Resp: 84019
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018353.D
Acq: 23 May 2024 10:47

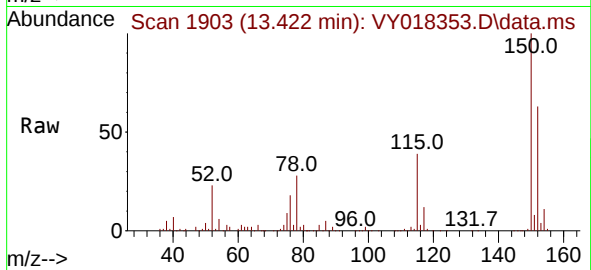
Tgt Ion: 117 Resp: 213064
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018353.D
 Acq: 23 May 2024 10:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBL01



Tgt Ion:152 Resp: 75679
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.2 84.7
 150 155.4 0.0 345.6

